Claims:

This listing of the claims will replace all prior versions and listings of claims in the application:

1. (Currently amended) <u>In an Open System Interconnection (OSI) model having at least an application layer and a transport layer represented by a user datagram protocol (UDP),</u> <u>a</u> ~~A~~ first broadband interface unit (BIntU) transceiver associated with a broadband network system wherein the first broadband network system further includes a data distribution center, the first BIntU transceiver comprising:

a transmitter portion that is configured to transmit ~~user defined protocol with value-added (UDPVA) packet~~ <u>UDP packets that include frame header information generated at the application layer</u> to the data distribution center, wherein the first BIntU transceiver is configured to interface with the data distribution center or a second BIntU transceiver to indicate when ~~the~~ UDP~~VA~~ packets <u>including frame header information generated at the application layer and</u> transmitted from the first BIntU transceiver to the data distribution center or the second BIntU transceiver are being ~~received by the second BIntU transceiver~~.

2. (Currently amended) The BIntU transceiver of claim 1, wherein the data distribution center generates a return packet in response to the UDP~~VA~~ packets <u>that include frame header information generated at the application layer</u>, wherein the return packet is transmitted from the second BIntU transceiver via the data distribution center to the BIntU transceiver.

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3. (Original) The BIntU transceiver of claim 1, further comprising software associated with the first BIntU transceiver that permits the first BintU transceiver to interface with the second BIntU transceiver or the data distribution center.

4. (Currently amended) The BIntU transceiver of claim 1, further comprising:

a receiver portion that is configured to receive a return packet from the data distribution center of the second BIntU transceiver to indicate that the data distribution center or the second BIntU transceiver received at least one of the UDP~~VA packet~~ packets including frame header information generated at the application layer from the first BIntU transceiver.

5. (Currently amended) The BIntU transceiver of claim 1, wherein the UDP~~VA packet~~ packets including frame header information generated at the application layer further include ~~includes~~ at least one from audio, video, and other data.

6. (Currently amended) The BIntU transceiver of claim 1, wherein at least one of the UDP~~VA packet~~ packets including frame header information generated at the application layer further includes ~~includes a Java~~ an applet.

7. (Currently amended) The BIntU transceiver of claim 1, wherein the first BIntU transceiver interfaces with first data distribution center, wherein the first BIntU transceiver receives a return packet from the data distribution center in response to at

least one of the UDP~~VA~~ ~~packet~~ packets that include frame header information generated at the application layer.

8. (Currently amended) The BIntU transceiver of claim 7, wherein at least one of the UDP~~VA packet~~ packets that include frame header information generated at the application layer further includes ~~a Java~~ an applet, and wherein the return packet is returned in response to the ~~Java~~ applet.

9. (Currently amended) The BIntU transceiver of claim 1, wherein the UDP~~VA packet~~ packets that include frame header information generated at the application layer are received by the data distribution center or transmitted by the data distribution center using security techniques.

10. (Original) The BIntU transceiver of claim 9, wherein the security techniques utilize biometric technology that may be accessed by the data distribution center.

11. (Original) The BIntU transceiver of claim 9, wherein the security techniques utilize smart card technology that may be accessed by the data distribution center.

12. (Original) The BIntU transceiver of claim 9, wherein the security techniques include a private key located at the BIntU transceiver that may be accessed by the data distribution center.

13. (Currently amended) The BIntU transceiver of claim ~~19~~, further comprising a data distribution center that interfaces with the first BIntU transceiver, wherein the data distribution center or the second BIntU transceiver selectively transmits a return packet to the first BIntU transceiver in response to <u>at least one of</u> the UDP~~VA packet~~ <u>packets that include frame header information generated at the application layer</u>, and wherein an end user at the second BIntU transceiver can access <u>at least one of</u> the UDP~~VA packet~~ <u>packets that include frame header information generated at the application layer</u> based on the security <u>techniques</u>.

14. (Cancelled).

15. (Currently amended) <u>In an Open System Interconnection (OSI) model having at least an application layer and a transport layer represented by a user datagram protocol (UDP),</u> <u>a</u> ~~A~~ data structure included in ~~user datagram protocol~~ (UDP) packet to be generated by a broadband interface unit (BIntU) transceiver, the UDP ~~packets~~ <u>packet</u> comprising:

~~value-added information included in the~~ frame header information <u>generated at the application layer</u> that is used to trigger a return packet to indicate at a remote location that the UDP packet with ~~value-added~~ <u>frame header</u> information <u>generated at the application layer</u> is received at the remote location.

16. (Currently amended) The data structure of claim 15, wherein the remote location is a data distribution center that transmitted the UDP packet on with <u>frame header</u> ~~value-added~~ information <u>generated at the application layer</u> to the BIntU transceiver.

17. (Currently amended) In an Open System Interconnection (OSI) model having at least an application layer and a transport layer represented by a user datagram protocol (UDP), a ~~A~~ method for transmitting ~~user datagram protocol with value-added (UDPVA) packet~~ packets that include frame header information generated at the application layer from a first broadband interface unit (BIntU) transceiver associated with a broadband network system, wherein the broadband network system further includes a data distribution center, the method comprising:

transmitting ~~a user datagram protocol with value-added (UDPVA) packet~~, at the first BIntU transceiver, a packet including frame header information generated at the application layer, wherein the first BIntU transceiver is configured to interface with the data distribution center or a second BIntU transceiver to indicate whether the data distribution center or the second BIntU transceiver is receiving the UDP~~VA~~ packet that includes frame header information generated at the application layer ~~from the data distribution center~~.

18. (Currently amended) The method of claim 17, wherein the UDP~~VA~~ packet that includes frame header information generated at the application layer further includes an ~~a~~ ~~Java~~ applet.

19. (Currently amended) The method of claim 17, further comprising transmitting a return packet to the data distribution center in response to the UDP~~VA~~ packet that includes frame header information generated at the application layer.

20. (Currently amended) The method of claim 19, wherein the UDP~~/A~~ packet that includes frame header information generated at the application layer further includes an ~~a Java~~ applet, and wherein the return packet is transmitted in response to the ~~Java~~ applet.

21. (Currently amended) The method of claim 17, further comprising transmitting the UDP~~/A~~ packet that includes frame header information generated at the application layer at the BIntU transceiver using a security ~~techniques~~ technique that ~~ensure the~~ ensures an identity of an end user.

22. (Original) The method of claim 21, wherein the security technique utilizes biometric technology.

23. (Original) The method of claim 21, wherein the security technique utilizes smart card technology.

24. (Original) The method of claim 21, wherein the security technique utilizes a private key.

25. (Currently amended) The method of claim 21 ~~17~~, further comprising selectively transmitting a return packet from the data distribution center or the second BIntU transceiver in response to the UDP~~/A~~ packet that includes frame header information generated at the application layer, and wherein an end user at the second BIntU

transceiver can access the UDPVA packet that includes frame header information generated at the application layer based on the security technique.

26. (Currently amended) In an Open System Interconnection (OSI) model having at least an application layer and a transport layer represented by a user datagram protocol (UDP), an An apparatus for transmitting a user datagram protocol with value added (UDPVA) packet that includes frame header information generated at the application layer from a first broadband interface unit (BIntU) transceiver associated with a broadband network system, wherein the broadband network system further includes a data distribution center, the apparatus comprising:

  means for transmitting a user datagram protocol with value added (UDPVA) packet that includes frame header information generated at the application layer from the first BIntU transceiver, wherein the first BIntU transceiver is configured to interface with the data distribution center or a remote second BIntU transceiver to indicate when data distribution center or the second BIntU transceiver is receiving the UDPVA packet that includes frame header information generated at the application layerfrom the data distribution center.

27. (Currently amended) In an Open System Interconnection (OSI) model having at least an application layer and a transport layer represented by a user datagram protocol (UDP), a A-first broadband interface unit (BIntU) transceiver associated with a broadband network system wherein the broadband network system further includes a data distribution center, the first BIntU transceiver comprising:

a transmitter portion that is configured to transmit a ~~user datagram protocol with value-added (UDP~~VA)- packet <u>that includes frame header information generated at the application layer</u> to the data distribution center or a second BIntU transceiver, wherein the first BIntU transceiver is configured to interface with the data distribution center to indicate when the data distribution center or the second BIntU transceiver is receiving UDP~~VA packets~~ <u>packet that includes frame header information generated at the application layer</u> from the data distribution center, and wherein UDP~~VA~~ packet <u>that includes frame header information generated at the application layer</u> transmitted between the data distribution center and the BIntU transceiver is maintained at or below the transport layer.

28. (Currently amended) <u>In an Open System Interconnection (OSI) model having at least an application layer and a transport layer represented by a user datagram protocol (UDP),</u> <u>a</u> ~~A~~ BIntU transceiver for transmitting a ~~user datagram protocol with value-added (UDP~~VA) packet <u>that includes frame header information generated at the application layer</u> to an end user comprising:

an encoder/decoder (codec) configured to code UDP frame information; and

a digital signal processor (DSP) portion coupled to the codec, wherein the DSP portion includes a stack, the DSP portion temporarily stores the UDP frame information as <u>a</u> UDP~~VA~~ packet <u>that includes frame header information generated at the application layer</u> within the stack, and the UDP~~VA~~ packet <u>that includes frame header information generated at the application layer</u> is in a form to be transmitted directly to a network destination address device.

29. (Original) The BIntU transceiver of claim 28, further comprising a buffer that dynamically assigns display specifications based on application requirements.

30. (Currently amended) The BIntU transceiver of claim 28, wherein the ~~value-added~~ frame header information generated at the application layer triggers an indicator of UDP delivery of header information.

31. (Currently amended) The BIntU transceiver of claim 28, further comprising a processor, wherein the UDP~~VA~~ packet is generated and transmitted to the end user independently of a computer processor.

32. (Original) The BIntU transceiver of claim 28, wherein the architecture of the DSP portion includes a controller/processor.

33. (Currently amended) The BIntU transceiver of claim 28, wherein the UDP~~VA~~ packet that includes frame header information generated at the application layer further includes a portion to convey at least one from the group of audio, video, and other data.

34. (Currently amended) The BIntU transceiver of claim 28, wherein the UDP~~VA~~ packet that includes frame header information generated at the application layer further includes an ~~a Java~~ applet.

35. (Currently amended) The BIntU transceiver of claim 28, wherein the BIntU transceiver interfaces with a data distribution center, and wherein the data distribution center thereupon transmits, or conveys, a return packet to the BIntU transceiver in response to the UDP~~/IP~~ packet <u>that includes frame header information generated at the application layer</u>.

36. (Currently amended) The BIntU transceiver of claim 35, wherein the UDP~~/IP~~ packet <u>that includes frame header information generated at the application layer further</u> includes <u>an</u> ~~a Java~~ applet, and wherein the return packet is transmitted in response to the ~~Java~~ applet.

37. (Currently amended) The BIntU transceiver of claim 28, wherein the UDP~~/IP~~ packet is generated using security techniques.

38. (Original) The BIntU transceiver of claim 37, wherein the security techniques utilize biometric technology.

39. (Original) The BIntU transceiver of claim 37, wherein the security techniques utilize smart card technology.

40. (Original) The BIntU transceiver of claim 37, wherein the security techniques utilize a private key.

41. (Currently amended) The BIntU transceiver of claim 37~~28~~, wherein the BIntU transceiver interfaced with a data distribution center, wherein the data distribution center selectively transmits a return packet to the BIntU transceiver in response to the UDP~~VA~~ packet <u>that includes frame header information generated at the application layer</u>, and wherein an end user at a second BIntU transceiver can access the UDP~~VA~~ packet based on the security <u>techniques</u>.